

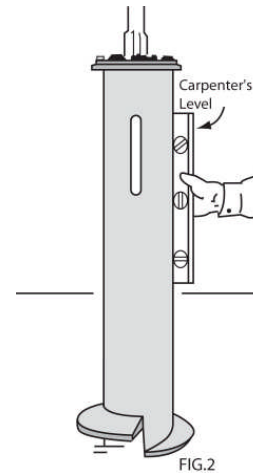
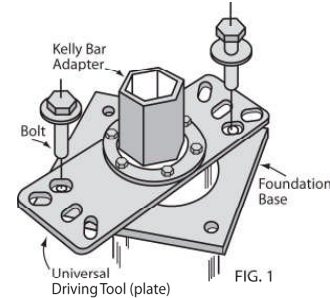


# MACLEAN POWER SYSTEMS

A Maclean-Fogg Company

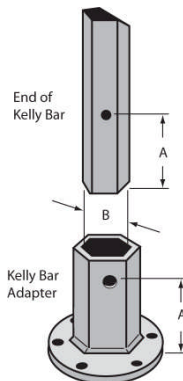
## UNITIZED FOUNDATION SYSTEM INSTALLATION INSTRUCTIONS

1. Bolt universal drive tool plate to kelly bar adapter (Fig. 1).
2. Bolt universal drive tool to foundation base with bolts supplied with foundation (Fig. 1).
3. Stand foundation anchor upright and attach kelly bar adapter to kelly bar from drive motor.
4. Raise kelly bar and allow foundation anchor to swing free of ground. Move foundation anchor directly over installation point, lower kelly bar until foundation helix is flush with ground.
5. Screw foundation anchor 1"-6" into ground and use level to plumb foundation by checking shaft on two sides at 90° from each other Fig. 2). During installation you can also have two persons with plumb lines stand on two sides at 90° from each other to visually check anchor while it is being screwed into ground.
6. Continue rotating foundation anchor into ground applying constant downward pressure and watch kelly bar to keep anchor going straight into ground in smooth/constant motion.
7. Rotate into ground until foundation anchor base plate is at desired depth and remove kelly bar and drive tool from anchor.
8. Bolt streetlight pole base to anchor with bolts supplied.



### Selecting the Proper Kelly Bar Adapter

Measure dimension 'A' (depth to hole) & 'B' (width across flats). Kelly bars are either square or hexagonal, match the measured 'A' & 'B' dimensions to those shown in the table to determine the catalog number of the adapter needed.



Catalog Number	A' Dimension	B' Dimension	Kelly Bar
D630017	2 1/4"	2 1/2"	Square
D630016	2 1/4"	2 1/4"	Square
D630014	5 7/8"	2 1/4"	Square
D630013	5"	2"	Hexagon
D630013A	3 1/4"	2"	Hexagon
D48060009	4 1/4"	2 5/8"	Hexagon
D48060008	4 1/4"	2 1/2"	Hexagon
D630015	5 7/8"	2 1/2"	Square
D48060025	4 1/4"	2"	Hexagon
Combination Kelly Bar Adapter & Drive Plate			
D48060015	-	2 1/2"	Hexagon
D48060016	-	2 5/8"	Hexagon

### Foundation Drive Plate

The Drive Plate bolts to the Kelly Bar Adapter and is then bolted to the Foundation Top Plate. Variable slots in the Drive Plate allow it to be used with various configurations of Top Plate holes. Catalog number D-4806-0018 will accommodate from 9" to 13" bolt circles. Contact the factory for Drive Plate information to accommodate smaller bolt circles.